

in the news

INSIDE

The Proposition Revue, which has performed in Cambridge for the last ten years, recently opened their 1977 season across the river at the Charles Playhouse Cabaret because of the space limitations of their Inman square location.

p6

"Joe the pizza man," who has been bringing warmth and satisfaction to MIT students' hearts and stomachs every night for the past sixteen years, was finally interviewed this week in his giant "Pizza Oven" on wheels.

p7

Winter moments and winter-time activities around the Institute and elsewhere are captured by *The Tech* in a photo essay entitled "Winter is a time for..."

p10

In its best game of the season and before the largest crowd of the season, the men's varsity basketball team shocked the highly regarded Suffolk Rams Wednesday night, 70-69.

p12

CAMPUS

Twenty Chimneys will be open for lunch from 11:30 to 1:30 beginning the first week of April. John McNeill, Dining Manager of Student Center Food Services, told *The Tech*. Chimneys' menu will differ from Lobdell's in that it will feature hot sandwiches and a salad bar.

The granting of S.D. and PhD degrees in Medical Engineering and Medical Physics, under the auspices of the joint Harvard/MIT program in Health Sciences and Technology, was approved unanimously by the faculty at a meeting last Wednesday.

LOCAL

"Public humiliation as an alternative to jail," Duff Ramsey's proposal to study the possibility of restoring stocks to the Boston Common was recently brought before the Judiciary Committee in the State House. Rep. Michael F. Flaherty voiced reservations on the issue when he said, "Most of the kids I know would be selling tickets or picking pockets while everyone was looking at the guy in the stocks."

The share-a-ride taxi cab system will go into effect at Logan Airport beginning April 18, according to a letter to cab owners from Massport director, David W. Davis.

Health inspectors: no cooking in dorms

By Kent Pitman

Cambridge health officials have announced that MIT's dormitories are in violation of the Cambridge Housing Code, which prohibits cooking and eating in dormitory bedrooms.

Announcements were posted in all dormitories, quoting a letter from Housing Code Enforcement Inspector George Kessel, which said that "in order for the dormitories to be free from violations of the Cambridge Housing Code all cooking and eating in rooming units [bedrooms] must be discontinued immediately."

Kessel's statement followed a Cambridge Health Department inspection of East Campus and MacGregor dormitories on Monday, Feb. 7. The letter specifically cited MacGregor as being in violation of the code.

Associate Dean for Student Affairs Ken Browning '66 said that he could not recall any previous action of this sort by the city, and that Institute officials are awaiting clarification of the meaning and intent of the law cited by Kessel.

Browning met Monday with

dormitory presidents and representatives to explain the situation.

"They did inspect, they have a right to inspect, and it [cooking] is against the code," Browning noted. He emphasized, however, that "before [we take] any action that we have to take, we'll be discussing it... with house leadership."

MIT dormitories are licensed by the City of Cambridge as lodging houses, and therefore are bound to obey the housing code.

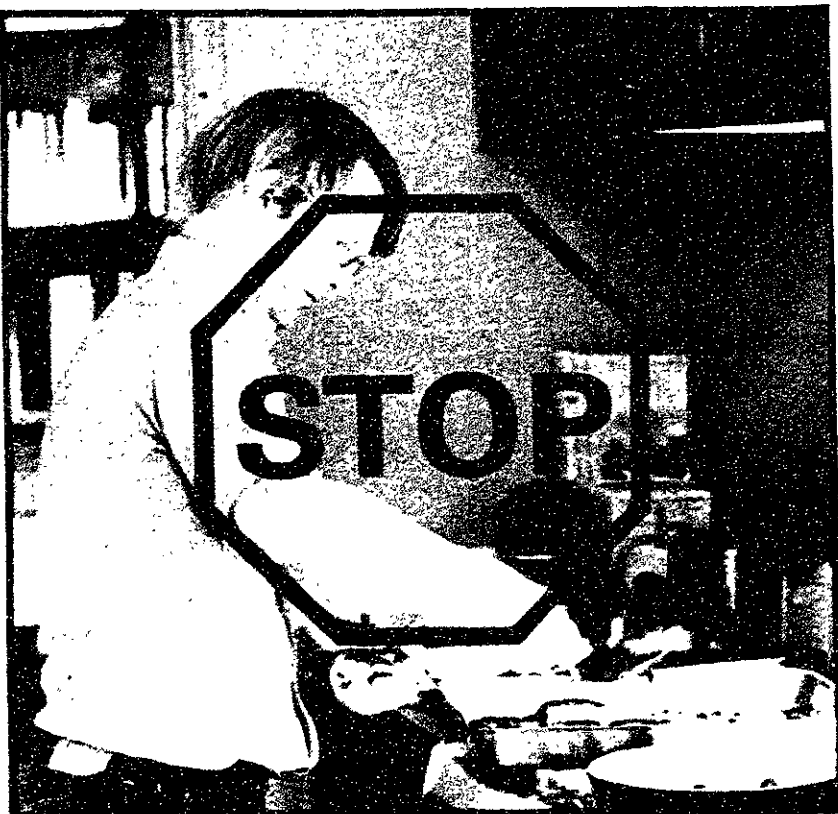
Browning said that he would maintain close communication with house governments in an attempt to keep them up to date, and added that he hopes that students will voluntarily comply with the ordinance.

Eastgate fire stifled swiftly

By David B. Koretz

A small kitchen fire in a 13th floor apartment forced the evacuation of Eastgate early Monday night.

There were no injuries from the blaze, as the occupant of the



apartment, Jarvis Brock G. was not at home, and no one else in the suite remained long after the fire broke out.

According to John M. Fresina, Director of the Safety Office, the fire started in the kitchen. An empty pan, lying on a stove which was left turned on, overlapped one of the burners and the counter top and ignited a pile of napkins.

The Cambridge Fire Department responded to the single alarm only three minutes after the call came into Campus Patrol headquarters at about 7:00pm. George Foo G., a resident of the neighboring apartment 13C, called the Patrol when he and his wife Angie smelled smoke. She told *The Tech* that the smoke "was really thick," and that no building alarm had been sounded, so her husband called the police and then pulled the building alarm.

The Work Control Center of Physical Plant, which monitors the fire alarm systems, received a signal at 6:52 that there was water flow in the Eastgate fire system. The Center receives a signal whenever there is flow of water from sprinklers or, in this case, from a fire hose, or when glass is broken on a call box.

According to James McTaggart, preventive maintenance coordinator for Physical Plant,

the Work Control Center notifies the Campus Patrol and the Cambridge Fire Department. "They don't get the alarms we get," he said, adding that the alarm system is "mechanical," and the time is automatically registered.

Sergeant Vincent Goodridge of the Campus Patrol asserted that the Patrol received the alarm from Foo before being alerted by Physical Plant. He also noted that Campus Patrol called the Fire Department. "We're the ones that got the call [from Foo] first. I'm certain of that," he said.

The kitchen area was severely damaged by the blaze. The cabinets were destroyed, the carpeting was damaged by smoke and water, and the apartment will need a new paint job, according to Fresina. Damage was estimated at \$2500.

There are no smoke detectors in Eastgate apartments to warn residents of flames. Fresina noted. There are heat detectors in the rubbish rooms, smoke detectors in the building's ventilation system, and sprinklers in the corridors. The sprinklers were installed in Institute high-rise dorms last year following a fatal fire in Tank Hall during the summer of 1975.

The smoke detectors in the ventilation shafts did not register Monday night, as neither the flames nor the smoke spread very heavily. Had these detectors been activated, Fresina noted, exhaust fans would have been turned on to clear the shafts and the rest of the building as well.

Eastgate, a high-rise residence for undergraduates, graduate students and faculty located at 60 Wadsworth St. in Cambridge, was evacuated completely when the building alarm was sounded. "Everything went right," said Fresina, adding that the Fire Department responded remarkably well, extinguishing the fire before it could spread to other suites or floors.

In an unrelated incident the same night, a small fire started in a Tang Hall apartment. A student's television set caught fire, apparently from a defect in the electrical wiring. The student quickly called the emergency number 100, and help arrived promptly. There were no injuries, and little damage other than to the television set.

The writing program approaches its end

By Thomas J. Spisak

Editors' note: the Writing Program has been followed by controversy ever since it was founded. This analysis is the first of a series describing the present state of the Program. This week, the views of Sanford Kaye and Joseph Brown are explored.

After two years of bureaucratic infighting, the struggle over the future of writing instruction at MIT may be ending.

Present members of the Pilot Writing Program, advocates of a "populist" broad-based instruction, rather than the "elitist," preprofessional course favored by other members of the Humanities Department, are either preparing to throw in the towel or make their peace with the victors.

"The story is ended; after this, the commitment to student-centered teaching will be dead

here," commented Sanford Kaye, a lecturer in the Writing Program and one of its founders. "Why this should be the outgrowth of a very positive evaluation, a book, and 750 students this term is beyond me."

Kaye and fellow lecturer Joseph Brown added to already contentious circumstances by refusing faculty evaluation by an *ad hoc* committee comprised mainly of critics of the Programs' teaching style.

Initially joined in their refusals by Professor Patricia Cumming and Professor Elzbieta Chodaowska-Ettinger, Brown and Kaye broke with them after a stormy Committee meeting in January.

"Originally we were told the Committee had a blank slate and that if we did not go along with this evaluation, the School of

(Please turn to page 3)



Jarvis Brock's (G) Eastgate apartment following the kitchen fire Monday night. The Cambridge Fire Department responded within minutes to prevent further devastation.

Cooking without a stove

By Pat Thompson

Ever iron a grilled cheese sandwich? Do you find that fits of tooling force you to miss our fine Dining Service food? Terry Fisher, a first year graduate student in the Department of Nutrition and Food Science, may have written the book for you.

Her book, *The International Students' Guide to Cooking Without Getting Caught*, (Ashley Books, \$4.95), details methods for cooking in many dorms throughout the country which allow few more tools than an iron, a thermos, a hot pot, and some pots and pans. Often, no hot plates or broiler ovens are permitted in college housing.

The guide includes such procedures as ironing sandwiches and steaks wrapped in foil, cooking bread by steaming it on top of a hot pot, and using a thermos to stew food.

Ideas for the book grew while Fisher was an undergraduate at the University of Virginia in Charlottesville. She explains, in the introduction, how she came to write the book.

"Our dorms had very strict cooking rules. We were not allowed to have hot plates, toasters, or portable broiler ovens. We

were allowed to have hot pots (which boil water) but we could only use them for coffee or tea. (Later we were allowed popcorn poppers, but only for popcorn.) Of course, most of us stretched that rule and we boiled water for instant oatmeal, Cup-a-Soup, and boiled eggs. Quite soon, I became tired of these meals (Who wouldn't?), but since I was trying to save (money), I refused to spend it eating out."

College credit also motivated her. She told *The Tech*, "I graduated in three years and my credits were getting kind of tight, so I wanted to get everything I could. I heard that you could write up a proposal for an independent project and get credit for it, so I decided to write it up and see how I could do... I did that and gave it to him [my project advisor] and he looked at it and he said 'It doesn't look like it's going to be good enough.'"

"I took it back home, rewrote up the proposal and said I'd try to get it published and added all this stuff to make it sound good. Then, he said, 'Well, all right,' but he was really not very pleased about it."

"I wrote it and I didn't [immediately] get it published. I

didn't expect to — I never expected to get it published — it was just kind of freaky."

For the project Fisher received the from the University of Virginia the equivalent of six MIT units.

At the Institute, where kitchen facilities are readily accessible in many dorms and hot plates and toaster ovens allowed in all others, the book will have dubious requisition.

However, if Cambridge health inspectors enforce a ban on cooking in MIT dormitories (see story, p. 1), Fisher's tips may come in handy.

Fisher plans to complete her graduate work and study to become a family practitioner, perhaps pursuing a PhD in Nutrition and Food Science much later.



Mark James

Terry Fisher, first year graduate student in the Department of Nutrition and Food Sciences, may have the answer to cooking in dormitories if Cambridge health officials enforce their ban.

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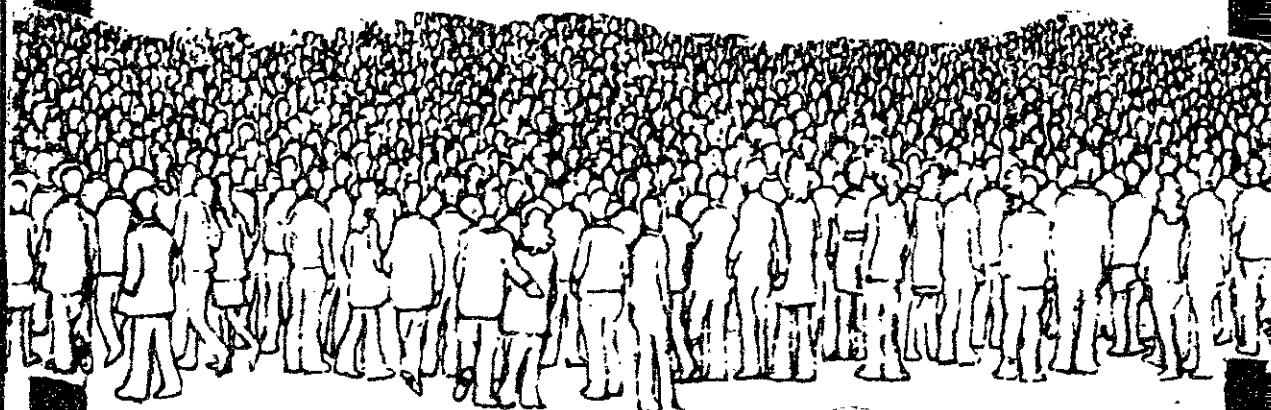
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Stop by any Sunday or Wednesday evening at our office (room 483 in the Student Center) and talk with us. There's a lot we can do for each other.

Program founders giving in

(Continued from page 1)

Humanities would let our contracts lapse," Brown explained. "We felt that we could not respond to ultimata from a committee composed of people who are not competent to judge us or our teaching and which was chaired by an outspoken foe of the Program and its methods (Donald Blackmer, Associate Dean of the School of Humanities)."

"The evaluation process must include people who understand creating a program out of nothing," Brown pointed out. "This ad hoc evaluation did not have anyone like that, they were not even following the Institute's guidelines."

Neither the method of staff evaluation nor the School's subsequent proposal's organization followed the recommendations of last year's Committee to Evaluate the MIT Pilot Writing Program, chaired by Professor Nathan

Sivin, according to the two instructors.

Sivin's group had found that animosities between the Writing Program and the Humanities Department Literature Section had grown so intense that the Program should be removed from the department and staff evaluations should be conducted only in terms of their work within the Program rather than as scholarly members of any individual Department or School.

While agreeing that the Program's amorphously democratic structure hindered smooth bureaucratic relations with it, the Sivin Committee also recommended that a Director not be appointed for some time because of the prevailing animosities.

In December, the Dean of the School of Humanities, Harold Hanham, released an organizational plan that left the Writing Program, or its suc-

sors, within the Humanities Department while fragmenting writing instruction into four streams. Each individual stream would be relegated to sub-Section status.

During the first week of June, it was decided to name an Acting Director for the Pilot Writing Program. In August, David Breakstone, who was hired six months before to teach a single section of *Writing and Experience*, was appointed.

Breakstone became the rock on which the "populist" cause foundered in the following months. Although he sat on the infamous staff evaluation panel, his status there was never clear to Program members. The Program broke ranks in January, partly because his role was not clear.

"So the story's over," sighed Sanford Kaye. "You know, the funny thing is if we had been an absolute failure, the result would have been the same."

Police Blotter

(The Police Blotter is a report written by the Campus Patrol on crimes, incidents, and actions on the MIT campus each week.)

Intruders Spotted

Residents of Tang Hall were interrupted in their conversation Sunday morning to see the front door to their apartment opened by two men — apparently using a door key — who stopped short upon spotting the residents, stammered an excuse about "making a mistake", and then fled the area.

This is the second such incident to be reported to the Campus Police from Tang Hall. All residents of the Tang-Westgate area are urged to be alert to the presence of these men, and to call Headquarters (253-1212) with any information they may have concerning the pair or upon sighting them in the area. They are described as follows:

#1: White male, 5'7"-5'8", 20-22 yrs, black moustache, wearing an army fatigue jacket.

#2: Black male, 5'7"-5'8", with a slim build.

Blackout Covers Larceny

A blackout one recent night at Bexley Hall — caused by the intentional pulling by an unknown party of the main power switch — provided excellent cover for the larceny from an unlocked upper story room of clothing, a Panasonic radio, and a viola, together valued well in excess of \$300.

Information Sought

Investigators are seeking information concerning the

whereabouts of a glass encased exhibition entitled "A Dictionary of Differential Geometry" which is highly valued by its owner and was reported missing some time ago from a hallway on the first floor of Bldg. 2.

Ice Unsafe

While the recent cold wave cause portions of the Charles River to freeze, it should be borne in mind that the unusual currents and eddies of the stream, coupled with its extreme pollution, prevent it from ever freezing to a depth sufficient to enable the ice to support the weight of human beings for very long. The further down stream one goes, the thinner the ice becomes.

And although the extreme cold of early last week in fact brought out ice-enthusiasts, the warming trend of late last week undercut what little ice cover ever existed. As a consequence, walking on what is left of the ice on the river is extremely dangerous. We strongly urge everyone to admire the ice from the safety of dry land.

Auto Theft Down

Reported automobile larcenies in and near MIT dropped from 192 in 1975 to 108 in 1976. Credit

for this precipitous plunge is given by the Campus Police to the consistently higher levels of public awareness and sensitivity to the problem and concomitantly increased public vigilance in guarding against its occurrence.

notes

* Noam Chomsky will speak on "Some Varieties of Socialism" today at 8pm in 9-150. This lecture is the first in the Black Rose/Black Circles series.

* John R. Silber, president of Boston University, will speak on "Our Revolutionary Heritage: Democracy and Excellence" Feb. 22 at 7:30pm, in Morse Auditorium, 602 Comm. Ave. The talk is free.

* R.O. '77 needs chairpeople and workers. If interested, stop by the FAC, 7-105, and leave your name, address and phone number. Descriptions of the various committees are available.

* Once again we are accepting nominations for the John Asinari Award for Undergraduate Research in the Life Sciences. Undergraduates in Course VII, V-II-I, and VII-II, and VII-A are eligible. See Ed Gaudiano in Rm. 56-524, x3-6715 for details. Deadline for submissions is April 20, 1977.

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opinion

Problems, like snow, pile up across nation

By William Lasser

There is a strange irony in the words of the poet Emma Lazarus whose compelling words adorn the Statue of Liberty. "Give me your tired, your poor, your huddled masses yearning to breathe free." America proclaimed to the rest of the world: "send these, the homeless, tempest-tossed to me."

For decades we were the land of plenty, and the Statue could declare proudly, "I lift my lamp beside the golden door." But as we begin to peek out at the world from the hibernation which the most savage winter of the century has forced us to endure, we see that the tired, the poor and the homeless now reside in Ohio, Pennsylvania and New York, millions of Americans metaphorically huddled in masses for warmth, yearning to breathe the air of spring.

Presiding over this beaten, battered nation is Jimmy Carter, his first weeks as president obscured by the low temperatures and low natural gas pressures, his new administration overshadowed by the eastern and midwestern cities blanketed by tons of ice and snow. Since the cold January day in Washington when he took the oath of office, Carter has faced a crisis brought on by a combination of the wrath of nature and the realities of economics, a bizarre confluence of earthly and heavenly events.

It is ironic too that the first President from the Deep South since John Tyler should be faced with what has always been a Northern problem — although this year, even the land of Dixie has been shivering. Tyler, to be sure, ascended to the Presidency following the death of William Henry Harrison, who caught pneumonia in the wind and cold of a different Washington Inauguration Day.

here
and
now

Carter recognized with reluctance the state of emergency and disaster which pervades the northeast, especially in the three states which provided almost all his electoral strength outside the South. From Buffalo, Cincinnati and Pittsburgh, Democrats and Republicans alike looked to Washington not for vague economic stimulations and bureaucratic restructuring, but for soldiers to remove the snow, and federal money to provide food and shelter.

Meanwhile, Californians worried about the lack of rainfall in their state just as easterners began to fear the damage which could result if the mountains of snow turn into waves of floodwater. Wall Street and Labor are concerned about the economy, the former about inflation and reduced GNP growth, the latter about the increased unemployment.

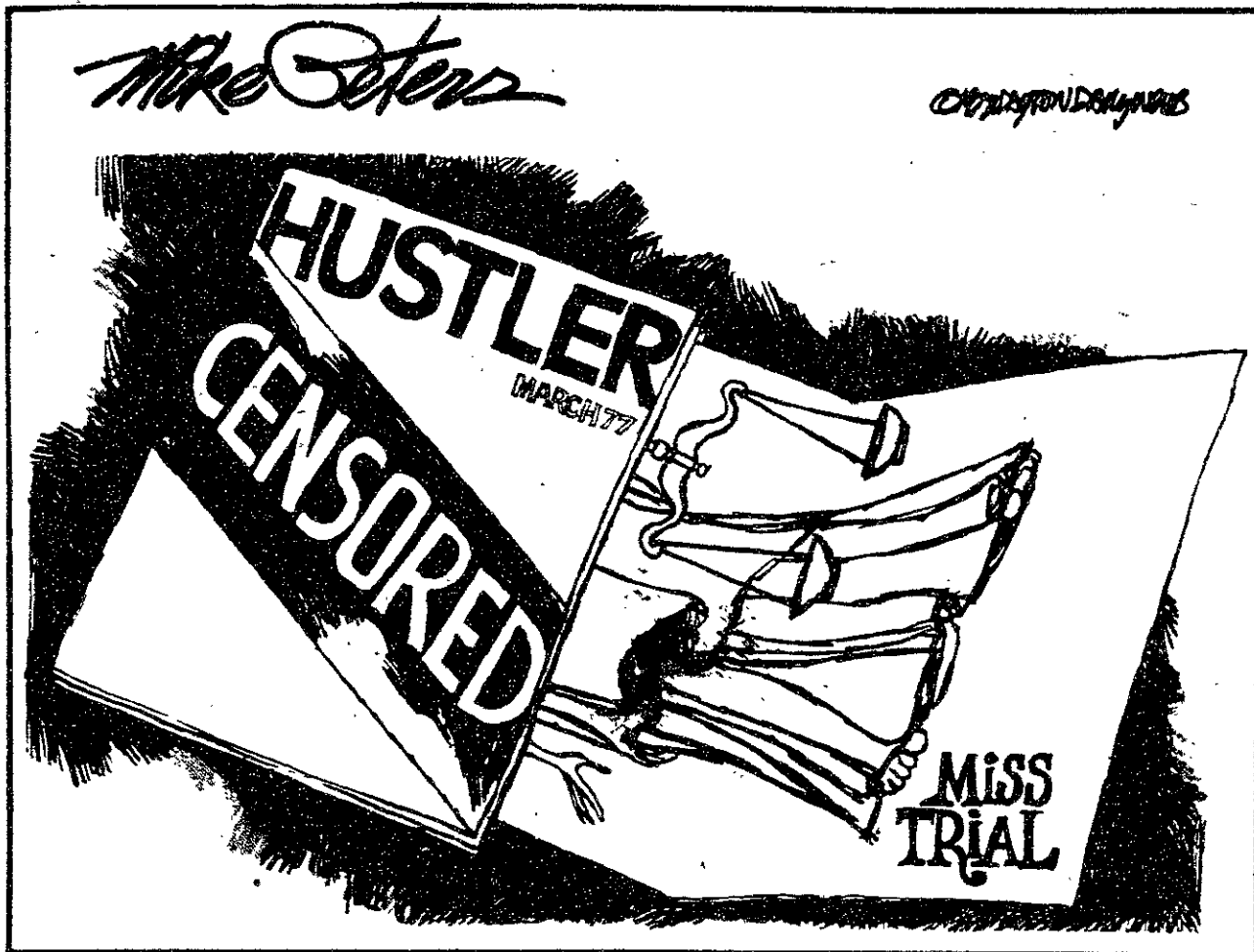
Carter, at least, cannot be accused of talking about the weather and not doing anything about it. He is striving to develop a deeply needed energy policy, trying to push the economy forward, attempting to reassure Business that he can cure the national case of frostbite.

But his economic policies have been undercut by the thermometers. His optimistic program is in a shambles. Millions are out of work, unable to reach their places of employment or unable to remain warm enough once they get there. No portion of the country has been spared: Florida, suffering through temperatures which would have seemed tropical anywhere else, has lost millions of dollars in destroyed citrus fruit.

Last week's warming trend heralded not the beginning of spring but the end of this terrible winter. America will emerge weary from its trauma only to find that the future portends sixty-five degree thermostats and seventy-five cent gallons of gasoline. If there were ever doubts about the energy crisis, they do not now exist; they have been pushed aside as irrelevant, for we are cold and poor in any event.

America's struggles are not easy ones. The President must at times feel like those Northerners who have worked in vain to keep their driveways clear of snow — for every shovelful removed, twice as much falls anew from the sky. Carter is climbing uphill against an avalanche of forces working against him at every step.

The situation, however, is far from hopeless. With the spring will come a renewed optimism, a transformation of attitudes. Our journey from January to April will change us perhaps as much as the journey from Europe to America changed the brave immigrants, and in the warm glow of May, anything will seem possible.



New music unappreciated

By Roger Kolb

Reports keep filtering back to me about puzzlement among 21.60 instructors over student antipathy for post-World War I serious music. To explain this lamentable situation, speculation revolves around listener ignorance, the misunderstanding of genius, conservative listening habits and the usual the layman-is-always-wrong bromides. Rarely if ever does it occur to these pedagogues that the problem may lie with the music itself. To remedy that deficiency is the purpose of the present commentary. This will entail a brief examina-

Russian-born composer's pieces were written. Fans of Mozart and Haydn looking for latter-day *Jupiter* and *Military* symphonies come up empty-handed after picking through the output of twentieth century neoclassicists. That's because the later method was based on a wholly false definition of musical classicism. The music after which the neoclassicists claimed to have modeled their own was incorrectly viewed as having been emotionally reserved, cold and abstract. With this aesthetic in mind, Stravinsky and Co. constructed themes of extreme

titious composer was invented — a Pole who, for political reasons, refused to reveal himself publicly. Broadcast at prime time over the BBC, "Mobiles" was seriously reviewed by music critics and musicians. No one suspected a hoax. Several musicians found it stimulating and full of interesting ideas, as did most of the critics. Very few thought it inferior. Every opinion was expressed in the context of a serious work of art.

The final group of composers, one that includes such genuinely talented musicians as Bartok, Prokofiev and Shostakovich, is the body that I choose to call the classical nationalists. They identify themselves by their disposition to pour folkish themes into the formal molds of the symphony, concerto, etc. One problem with these composers is that the themes which they submit to formal development tend to lose all local color in the process. A more serious difficulty with them, however, is that not only is their melodic invention generally mediocre, but their melodies, such as they are, are often thrust into close combat with their harmonies. Unlike nineteenth century romantic and twentieth century Popular composers, they do not harmonize according to the chordal implications in their melodies. Rather, they harmonize artificially, bringing down upon themselves the oft-heard charge

perspectives

tion of the technical eccentricities of the four most widely-discussed schools of the past sixty years — serialism, neoclassicism, classical nationalism and electronic music.

The consensus among academicians is that serial or twelve-tone music is the official revolutionary mainstream of modern music. So much ink has been spilled to convince laymen that beneath serialism's crabbed surface true greatness lurks that it's almost embarrassing to realize that the twelve-tone stuff can be effectively dismissed in just a few words. Namely, that lacking tonal centers (the "G", for example, in Beethoven's "Minuet In G"), serial music gives the listener absolutely no sense of melodic participation. He experiences just as much melodic participation in hearing an atonal piece as he does rhythmic participation upon listening to a succession of irregular drum taps rapped out in the absence of a strong, steady beat. A few years ago, a scholarly journal reported that a group of Czech musical graduate students were asked to listen to, and state a preference between a twelve-tone piece and an item of random noises intentionally put together to avoid musical intelligibility. The latter was preferred by the majority.

Surveying post-World War I serious music gives the impression that rival composers over that stretch have been competing in a hard-fought Screwball Theory Derby. The formidable sweepstakes entry of Igor Stravinsky and his followers is known as neoclassicism, from 1919 to 1951 the method in which most of the

melodic poverty, nearly everywhere disrupting their melodic lines at the first trace of lyricism. The result was that instead of emulating Mozart and Haydn at their best, the neoclassicists wound up imitating eighteenth century passagework.

Electronic music is the classic example of the Biblical house built on sand, its earliest theorists being erstwhile practitioners of the two methods above. It is the offspring of a false analogy — that between artistic endeavor and scientific research — and a *Fahrenheit 451*-like outlook that regarded any display of human emotion in music as sentimental

"Electronic music is the classic example of the Biblical house built on sand . . ."

and old-fashioned. This union resulted in a form of musical expression that, in my opinion, is totally without distinction of any kind, utterly lacking in motion, emotion, recognizable form, color and vitality. Here at last is music years ahead of its time. Seven years, to be exact.

About fifteen years ago, several pucky broadcasters at the BBC decided that they would have themselves a little fun. A collection of random tape sounds was carefully pieced together to avoid the slightest trace of musical intelligibility. The resulting hodgepodge was christened "Mobiles", a name exuding promise of delightful new forms in a truly modern idiom. A fic-

of being "too dissonant". It is their whim to mate nationalistic themes to rigorous formal development, folkish melodies to modernistic dissonant harmonies. Listening to them, I am reminded of what the farmer said when stopped on the highway for drunken driving. When told that alcohol and gasoline don't mix, he replied, "You can mix 'em, but they sure don't *taste* very good!"

The Tech welcomes Letters to the Editor. Correspondence should be typed, triple-spaced, and not exceed 200 words. Unsigned letters will not be considered for publication, although the name of an author will be withheld on request.

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Friday, February 18, 1977

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opinion cont.

feedback

Humanities, classics: necessary education

To the Editor:

I would like to applaud the basic theme of your editorial of February 8; however, I feel that you err in some of your specifics. It is very true that the basic problems of today's world have their roots in our fractured approach to education. Yet the fault, dear editor, lies not in MIT, but in ourselves.

During my year and a half here, I have never been "taught to consider only the immediate effects" of my actions (in fact I tend to do the opposite), rather, this has become an implicit assumption of the society at large. In fact, the most noted practitioners of this art are to be found on Capitol Hill and in the White House (as they have been since the middle of the Great Depression) and not in Cambridge.

As far as what the Institute "should" do in educating stu-

most were aristocrats, slaveholders, or people supported by the money of these. Outstanding examples are Leo Tolstoy and Thomas Jefferson. The reason for this state of affairs is rather simple: the overall standard of living was so low that those with no access to accumulated wealth had no time to be humanists or scientists; they were too busy just trying to stay alive.

Yet all this was changed by the "technicians" without whom there would have been no rapid increase in living standards, for those willing to work, and no opportunity for those not born into the landed classes. I submit that American democracy has lasted as long as it has largely due to the expanding horizons and increasing worth to which engineers have been the midwives (and I invite those cynics who disparage our

"... students are quick to protest any move to make educational requirements more stringent ..."

dents, it has been my observation that students are quick to protest any move to make educational requirements more stringent, especially if such a move is made "for the good of the students." I have further observed the tendency for students to move toward the liberal arts or to the sciences, to the exclusion of the other, when free electives provide the opportunity. It should be remarked that there exists no law forbidding an engineer to read Tolstoy or a political scientist to read a calculus text in his/her spare time (which occasionally exists even here), although such is an admitted rarity in practice.

I also take strong exception to your *de facto* condemnation of "such inventors and technicians as Edison, Jenner or the Wright Brothers." Please consider the humanists and scientists *cum* humanists of pre-industrial revolution countries and times and I think you will find that

society for not mirroring their concept of utopia to spend a few hours with a world history text). At the same time I have met few engineers — and scientists — who are educated, i.e. are comparable to the ideal of the "Renaissance Man." (A concept which has undergone a rapid disappearance from the world, along with aristocracies, since the advent of the first world war).

As the amount of knowledge and literature has exploded in this century. The problem has gotten worse — for understandable reasons. As one must absorb more material to reach "the state of the art" in any specialty, the time available for general knowledge has decreased (and the amount of general knowledge has grown larger). Add economic restraints, democracy *gratia* democracy in the society, and the decline of self-discipline, and the current situation ceases to be mysterious, though a remedy



seems farther away.

The solution requires effort on the part of the student; some of the best minds, libraries, and museums in the world surround us all, but they cannot reach out to us.

As a final comment on the very real problem of shortsightedness of solutions, it should be noted that MIT, or rather some individuals at MIT (for it is always the individual who finds solutions and takes actions), are busily engaged in understanding and remedying this situation. I refer to the systems dynamics group, under the direction of Professor Jay Forrester, at the Sloan School. Although the accuracy of some of the detailed "world models" of this group may be debated, systems dynamics as a way of looking at the world is of immense importance, if the forest as well as the trees, is to be seen. Actually it is little more than Aristotle's *Logic* revisited and amplified — and hence of immense use to a society which has, by and large, relegated the Greek and Latin classics to a dusty bookshelf on the charge of not being "relevant."

Ralph L. McNutt, Jr. G
February 8, 1977

(Editor's note: The article in question was a commentary, not an editorial, and as such does not necessarily represent the view of the editorial board of The Tech.)

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PERRY V. WONG, MGR.

Bigger Nevelson unveiled in S.F.

To the Editor:

This was a caption in Tuesday's (New York) Times:

"FIVE STORY WORK OF ART: Sky tree, a 54-foot-high steel sculpture by Louise Nevelson, is set in place at Embarcadero Center in San Francisco. The 39-ton sculpture, valued at \$250,000, was transported by truck from Connecticut, where it had been constructed."

There was also a picture. We can thank our lucky stars.

S. Gutmann G
February 16, 1977

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Proposition still crazy after all these years

By Sandy Yulke

The Proposition, an improvised musical, is now ten years old. That may not seem like a very important fact; but consider that a student generation is only four years. That means that The Proposition, the third longest running show in the world, has outlived two complete generations of students. Why?

That is the very same question I asked five years ago, when, as my first assignment for *The Tech*, I wrote a review of The Proposition on the occasion of its fifth birthday. The answer is the same now as then: because it is genuinely entertaining, and as a topical, improvised revue, it has the ability to change with the times.

The Proposition takes its name from its format: the actors improvise sketches of various kinds incorporating people, places and themes proposed by the audience; in other words no two performances are alike. One night "cleaning the kitty litter" in the styles of French, Italian and Swedish films may be performed, and the next "Sleeping Beauty" as an opera in the styles (successively) of Dvorak, Jagger, Spike Jones and Beethoven.

How can they miss with variety like that? The Proposition's great strength lies in its ever-changing but always multi-talented cast. They not only mime beautifully, but sing, dance and create an extraordinary variety of sounds. (Have you ever heard six

people believably sound like an entire orchestra tuning up?)

They've also cornered the market on overactive imaginations: when asked to do a song with a hammer as its theme, they created that great 50's hit "Teen Carpenter" — wherein a girl pines for her sweetheart who has hammered himself to death in her behalf. A play in the style of Shakespeare which used smoking as one of its topics ended, "Tho smoking be best, We can always ingest."

The Proposition plays Friday nights (at 8 and 10) at its original home in Inman Square (right next door to Legal Seafood), and is currently presenting "Soap," its very own version of "Mary Hartman, Mary Hartman." In addition, the regular revue is now playing at the Charles Playhouse in Boston, Wednesday through Sunday evenings. (This is a new, six-week experimental run, the first time outside of Cambridge, and will be extended if business warrants it.) One great feature of the new location is that starting Feb. 23, Wednesday at the Charles will be "nickel night." Tickets for the Wednesday 8:30 performances can be purchased for only 5c starting at 7pm that evening.

The Proposition is a phenomenon. For five cents you can be part of it. What have you got to lose? After 8,748 hours on stage they must be doing something right.



Jackson McLean and Japes Ellison of the Proposition Revue perform in "corral."

Record review

Jethro Tull's latest success

Songs From the Wood — Jethro Tull (Chrysalis)

By Claudia Perry

Jethro Tull's latest release is a significant departure from his past efforts. The change can be attributed in part to band leader Ian Anderson's flight from the city and life on tour to his country home outside London.

The result, *Songs From the Wood*, is more pastoral than recent Tull efforts such as *War Child* and *Minstrel in the Gallery*. It exhibits a style that, although unmistakably Tull, is enhanced by the use of four-part harmonies, string synthesizers and portable organs. Using the aforementioned judiciously, the album is almost Elizabethan in influence.

The arrangement and structure of the disc are due to the appearance of David Palmer on many instruments. Palmer, who has written the band's orchestrations since its inception, began taking an active role with their last release, *Too Old to Rock 'n' Roll, Too Young to Die*. Here, taking a turn on synthesizer, piano and portable organ, Palmer gives the band a fuller sound than it has had in years.

The opening cut, "Songs From the Wood," begins with a hauntingly beautiful *a cappella* vocal arrangement. Ian Anderson's flute supplies an accent without being overstated. However, the arrangement does not center on Anderson as it has in the past.

"Jack-in-the-Box," the next cut on this side, features Anderson performing on all instruments. Surprisingly, this does not sound like it was put together on a mixing board. Anderson, who produced this album, has an amazing sense of theater. This was admirably showcased in Tull's recent small-hall tour. For the first time the band was able to establish audience communication.

This renewed communication is

noticeable on this effort. These are the most personable songs that Ian Anderson has written in a long time. "Hunting Girl," the penultimate track on this side, details a brief affair between a peasant and a kink estate mistress. Although the subject matter is at best dubious, musically it reaffirms Jethro Tull's penchant for unusual time changes.

To open the second side, "Velve Green's" interplay between piano and flute is quite arresting. Since piano is credited to more than one person on the liner notes, it isn't clear who is responsible for the work on this cut. It is reminiscent of the music of the Chieftains, an Irish group which play traditional music from their homeland.

The next song, "The Whistler," features a remarkable performance on acoustic guitar by Ian Anderson. Tull's lead guitarist, Martin Barre, could hardly do better. Anderson plays guitar like he plays flute. The feel is percussive and expressive.

"Pibroch (Cap in Hand)," is the least impressive cut on the album. A combination of the randomness of *War Child* and the pretentiousness of *Minstrel in the Gallery*, "Pibroch" drones on through several uninteresting changes for nearly nine minutes. The listener feels relieved when it's all over.

Songs from the Wood recalls a peaceful state of mind with its pastoral, lyrical images. Ian Anderson and the other members of Jethro Tull artfully combine these images with well orchestrated rock 'n' roll in an effort that surpasses any of their recent offerings. The band is in fine form showing that the increased instrumental presence of David Palmer is a definite asset. On the last cut on the disc, "Fire at Midnight," Anderson says that "it's good to be back home with you." If Jethro Tull keeps putting out albums like this, we'll be pleased to have them back.



Ian Anderson of Jethro Tull, the madman of rock.

Courtesy Chrysalis Records

arts notes

The legendary Doc Watson will appear in concert with Sonny Terry and Brownie McGee Saturday, Mar. 19, 1977 at 7:00 pm in the Berklee Performance Center.

Tickets will go on sale Monday Feb. 28 at the Box office and Strawberries. Mail orders may be arranged by calling the box office, 266-1400, ext. 161.

Bertolt Brecht's and Kurt Weill's musical comedy *The Threepenny Opera*, will be presented by Tufts University's Arena Theater Tuesday through Saturday, Mar. 1-5, at the theater on Talbot Avenue.

All performances are at 8:15pm, except for a Saturday matinee at 2. Tickets Tuesday are \$1; Wednesday and Thursday nights, \$3, with any student ID, \$2; Friday and Saturday nights, \$3.50, and Saturday afternoon, \$2. For reservations call the

Arena box office at 623-3880.

Pianist Carol Comune will be in concert at the Community Music Center of Boston in a program of Bach, Prokofiev, Beethoven and Rachmaninoff on Thursday, Feb. 24, 1977 at 8:00pm. The concert, free to all, will be held at the Community Music Center, 48 Warren Avenue in Boston. For more information, please call 482-7494.

Note: This column, beginning with today's issue, will be a regular feature in Friday's *Tech*. Anyone with information concerning a cultural event, please send it to Katy Gropp c/o The Tech, P.O. Box 29 MIT Branch Cambridge, Mass. 02139.

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Friday, February 18, 1977



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Joseph O'Keefe, the sixteen-year MIT pizza man making his nightly run from East Campus to West Campus in his giant "Pizza-Oven."

Joe and his rolling pizzeria

By Mags Falotico

The phenomenon is somewhat like Pavlov's dogs: two bells ring out each night at the Institute dormitories and people start salivating. They know it is pizza time. Pizza has graced the American college scene for decades; it's good, fast and accessible.

When I went to find Joe the pizza man, images of a short, fat and slightly balding man with a cap and pants that are falling under the gravity of a few too many pizzas came to mind. I sat on the steps of Baker House, hoping to catch the pizza man the moment he walked in.

A slim, casually, but fashionably dressed man with clear blue eyes, and a full head of gleaming gray hair entered and announced, "Pizza time!" I decided that Joe couldn't make it tonight; this must be his cousin filling in for him. But no, this was Joe.

I wasn't expecting a man who does the Hustle, and likes today's music — "I hate Bing Crosby!" (I had expected my imaginary Joe to like Bing.) Joe has four children, the oldest a sophomore at Boston College; his last name is O'Keefe.

The partnership between MIT and Joseph O'Keefe started back in the days when pizza slices sold for 15c. Having served the community for 16 years, Joe probably

knows better than anyone else what goes in the exam-pressured body of an MIT student, be it the popular pepperoni, the Poor Man's Pizza or the Suicide Sub.

Joe invited me into the "Pizza Oven," a green and red pizzeria on wheels. The lantern in the window beckons pizza-eaters to come in and give Joe their orders. He may not remember names but he won't forget a face — or the pizza that goes with it.

After offering me a slice, Joe explained that he makes his pizza dough from an old recipe a friend had taught him. He has had ample practice to perfect it, for he makes 75 pizzas in a night (more, of course, during finals).

When I finished my first slice, Joe quickly offered me another. Always generous, he gives rides to students travelling. He also accepts checks, even though some have been known to bounce.

It's hard not to like Joe. There's a warm, little chuckle at the end of his phrases. He's one of those people that one can't imagine not being cheerful, but he admits that the rare moments occur. After all, he grew up during the hard times of the Depression — "I don't like to think about it too much."

It seems in character that he doesn't dwell on too many negative things, as indicated by the little chuckle. If we can accept

as a definition of success doing what one enjoys doing, then Joe O'Keefe is successful. And that, too, is an American institution: just like baseball, motherhood, and pizza pie.

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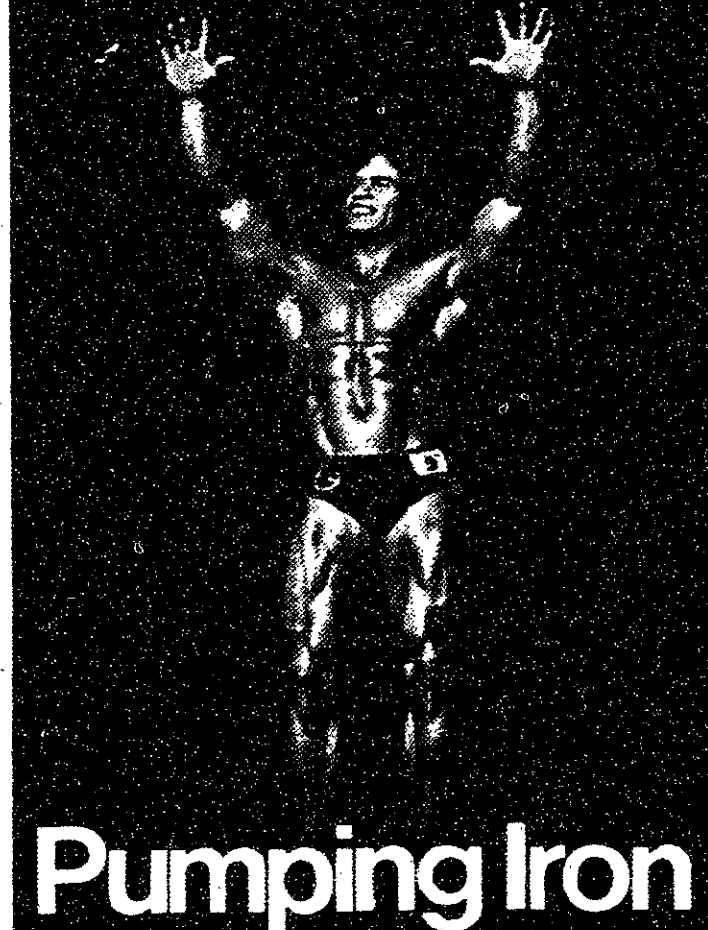
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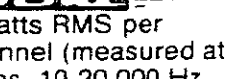
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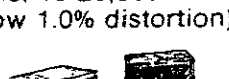
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KEENWOOD (2) POS II (4) 2000-1 (2) Columns (50r) JBL Jrd Pedastals (10r) Quantum line source - red samples	129.00 pr 399.00 pr 289.00 pr 10.00 set 1350.00 pr	(13) CO 820 FM cassette undersh (10) CRB 1717 23 channel cb (6) MX 4150 tuner (1) SE 3190 compact	89.00 181.50 188.00
KEENWOOD (2) L-700 speakers	460.00 pr	PM (5) Stereo 200 power amp (5) Stereo 50 power amp	199.00 149.00
KV (1) 4VRS426X receiver (1) 4VRS446X receiver (1) CD1950 cassette deck	129.00 149.00 199.00	P-E by DUN (1) 345 Wbw40 - dc15 3046 w/bw40 - dc15	99.00 89.00
JENSEN 3 demo speakers 4 demo speakers 23 speakers	70.00 pr 100.00 pr 139.00 pr	PHILIPS GA 212 turntable (1) GA 209 turntable (1) GA 407 turntable (2) RH 532 "David" speakers - built in amps	119.00 219.00 50.00 500.00 pr
KEENWOOD (3) KA 1400G integrated amp (3) KR 4600 receivers	79.00 199.00	PICKERING (8) XUV15/45000 (7) XS 3500 (1) UV15/24000 (17) XV15/625E	65.00 55.00 55.00 25.00
KROSS (10) PRO 600AA headphone (12) HV 1HC headphone (18) HV 1LC headphone (12) HV 1TB headphone (12) Tech VFR headphone (2) ESP 9 headphone (8) K 125 headphone (1) K 35 headphone (1) K 145 headphone (2) SP 3XC headphone PRO 4AA "headphone"	38.00 29.00 33.00 19.95 41.00 109.00 15.00 21.00 27.00 10.00 35.00	U.S. QUINCY (3) SX 1050 receiver (3) SX 950 receiver (6) SX 550 receiver (6) SX 450 receiver (2) SPEC 2 power amp (4) SA 9500 integrated amp (4) SA 7500 integrated amp (3) SA 602FM reverb (15) PL 510A turntable (15) PL 112D turntable (1) PL 71 turntable (1) RT 2022 open reel deck (1) RT 1011L open reel deck (4) CTF 9191 dolby cassette deck SE 700 headphone SE 500 headphone SE 505 headphone SE 405 headphone SE 205 headphone SEL 311 headphone (10) HPM 100 speakers (4) CS 99A speakers (2) CS 44G speakers	449.00 399.00 180.00 136.00 529.00 258.00 150.00 99.00 129.00 69.00 179.00 829.00 379.00 299.00 48.00 82.00 36.00 27.00 15.00 15.00 400.00 pr 330.00 pr 125.00 pr
LECSON (1) AP - power amp	250.00	Rectilinear (2) HB	250.00 pr
LITTLE (4) ONE speaker (4) SNE speaker	185.00 pr 199.00 pr	REVEL (1) RA 210 repack integrated amp (1) RA 311 repack (5) RA 312 integrated amp (5) RA 412 integrated amp (2) RA 612 integrated amp (2) RA 810 integrated amp 402 RMS (2) RA 812 integrated amp (2) RT 824 tuner (1) RT 824 tuner (2) RT 1220 tuner (1) RX 102 MKII receiver (10) RX 202 MKII receiver (10) RX 202 MKII receiver (2) RX 122 cassette deck dolby 202 RMS (1) RX 7707 demo receiver	49.95 69.95 169.00 129.00 188.00 168.00 248.00 109.00 199.00 169.00 109.00 149.00 205.00 269.00 289.00
MICRO/ACOUSTICS (5) 200 "E" cartridges (6) QDC "E" cartridges	79.00 59.00	RUSSOUND QT 1 switching systems	169.00
MIPAC (3) 750 III complete - firestock (3) 750	119.00 99.00	SAI CASSETTES C 800 C 60X	39 59
MXR Compander	129.00	SANKYO (12) SOT1510 dolby cassette deck	119.00
NIKKO (1) STA 1010 repack receiver (3) STA 2010 receiver (3) STA 3035 receiver (1) STA 5055 receiver (1) STA 6065 receiver (1) STA 7075 receiver (1) STA 9095 receiver	69.00 129.00 149.00 199.00 229.00 259.00 259.00	Sony (2) 8080 receiver 80/80RMS (6) S51 receiver 15/16RMS (12) 331 receiver 12/12RMS (1) TU 221 receiver 8/8RMS (1) TU 220 tuner (1) TU 5500 tuner (5) SR 929 turntable (15) SR 325 turntable (24) SR 322 turntable (2) LM 220 speakers (2) LM 110 speakers (20) SC 2002 dolby cassette deck	389.00 189.00 129.00 179.00 99.00 299.00 159.00 69.00 189.00 pr 129.00 pr 169.00
OLYMPUS Standard Set micro cassette recorder	149.00	WACOR wood case (2) XV 200 speakers - red samples (1) MK 2600 power amplifiers (1) MK 18 CB power amplifiers (1) MK 15 pre amps	20.00 896.00 pr 1199.00 999.00 949.00
ONKYO (12) TX 220 receiver 13/13RMS (12) TX 260 receiver 46/48RMS (6) A 7022 integrated amp 56/56RMS (6) A 7055 integrated amp 56/56RMS (1) TX 330 receiver 20/20RMS 20 speakers	239.00 259.00 149.00 239.00 259.00 169.00 290.00 pr	SENNHEISER (3) HD 424 headphones	49.00
PENASONE RO 212DAS mini cassette recorder (4) RO 218S mini cassette recorder (4) RO 314S cassette recorder RO 314S mini cassette recorder (1) RS 454S AM/FM stereo recorder	67.95 129.95 32.95 49.95 149.95		

K & L PRICE \$319⁰⁰

(4) 7010 12/12RMS receivers	99.00	(1) A3340 10 1/2" 4 channel open reel deck	959.00
(5) S-7210 30/30RMS receivers	160.00	(4) A 4300SX open reel deck	518.00
(6) S-7310 43/43 RMS receivers	189.00	(7) Model 7 mixer	249.00
(4) S-9910 100/100 RMS receivers	449.00	(3) ACS undersash air/cassette deck	96.00
SONY		(5) AR 80 Dolby	119.00
V15 III cartridge	51.00	Technics	
M55 ED cartridge	21.00	(6) SA 5760 165/165RMS Receiver	599.00
M61 ED cartridge	17.00	RS 671UAS dolby cassette solenoid controls	259.00
SONA		(7) SL 1405 cassette deck	159.00
(6) TAN 5550 power amp V-FET	329.00	(15) SE 405 CD4 demodulator	29.00
(7) TAE 5450 pre amp	329.00	(11) SM 3433 scope	49.00
(4) TA 5650 integrated amp V-FET	379.00	(22) RP 3600C microphone	89.00
(3) TA 1150 integrated amp 30/30RMS	159.00	(3) RP 3600C microphone	89.00
(1) T1 1066 integrated amp 15/15RMS	199.00	Technics SCRATCH & DENT	
(3) ST 515 tuner	89.00	(1) SR 1405 cassette	99.00
(2) STR 706A receiver 55/65RMS	159.00	(4) SA 5350 receivers	199.00
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(6) TR 76 portable cassette recorder	59.00	(3) RS 858U5 4 channel 8 track	149.00
(12) TC 110B portable cassette	119.00	(1) RS 279U5 cassette deck 3 head deck	279.00
(6) TC 126CS stereo portable cassette recorder	189.00	(3) SL 1200 turntable	189.00
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(2) NR115S goitby	59.00	(2) T 400 speakers	200.00 pr
(1) KV 1215 12" color TV	319.00	THOREX	
(1) KV 1512 15" color TV	399.00	(2) TD 160C turntable w/b/c	169.00
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(2) KV 1723D 17" color TV	409.00	(2) PT 415 cassette deck	99.00
(1) KV 1810D 19" color TV	449.00	UHER	
(1) KV 1920D 19" color TV	479.00	(1) CR 210 demo portable stereo cassette deck	350.00
(4) KV 2101 21" color TV	579.00	(1) CR 130 demo portable stereo cassette deck	600.00
(2) CRF 5100 radio 10 band portable radio	209.00	(1) CR 134 stereo portable cassette deck	259.00
(1) ICF 600W table radio	49.00	WATTS	
(2) MR 805W portable stereo radio	59.00	(22) PA MK 4 hi fi parastat	10.00
(4) ICF 956W portable table radio	89.00	TDB dustbug	5.00
(1) ICF 1270W portable radio w/cassette	99.00	(24) M4l hand mixer	1.50
(1) H4 60 15 7" open reel tape	1.79	PR D3 prep cleaner	4.00
(3) SLH 180 10 1/2" x 3600"	4.99	SC styroz cleaner	1.89
(36) SLH 180 7" x 1800"	15.00	YAMAHA	
(1) SCD 2050 SO decoder	249.00	(2) CR 403 integrated amplifier	189.00
(1) SCD 8170 receiver - firestock	249.00	(2) BL 110 demo power amplifier meter combo V/FET	759.00
(7) SDR 5750 receiver - firestock	199.00	SOUNDS FOR THE CAR	
(23) TC 10 car cassette deck	89.00	ADAPTOR	
(1) TC 24 indash AM/FM cassette deck	109.00	(8) ID 500 indash pushbutton AM/FM 8 track	119.00
(6) KVS 17A old style TV stand bis 17 1/2" x 12"	15.00	(18) ID 600 indash cassette AM/FM	99.00
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SOUND GUARD		(20) C 993 8 track undersash w/fm stereo	64.95
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SOUNDCRAFTSMEN		(9) FM-CAS FM/cassette converter	69.00
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600EE cartridge	25.00	(4) LMCS 2 CB meth proof stereo	5.00
581T twin cartridge	19.00	(21) CBA 110 CB antenna	8.90
(41) 500EE cartridge	14.95	(6) CBA 410 CB antenna	11.00
(1) ST-3 headphone	24.00	(5) CBA 510 CB antenna	13.99
(1) 5750 headhone	27.50	ERS	
(1) 5760 headhone	29.95	(12) T 200 cassette	95.00
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(3) SW 2 headhone	16.00	(7) 3513 in dash AM/FM cassette	95.00
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(1) PROB 8 headhone	25.00	(6) 5000 power play FM w/cassette	

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(4) Venturi 6 \$119.00 ea.

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(3) STA-2025 \$129.00

(3) STA-3035 \$149.00

(1) STA-5055 \$199.00

(2) STA-6065 \$229.00

(1) STA-7075 \$259.00

(1) STA-9095 \$339.00

harman/kardon

(4) 730 Reciever \$315.00

(4) 430 Reciever \$240.00

SYSTEM 574

SONY STR-2800

- 20 watts RMS per channel (measured at 8 ohms, 20-20,000 Hz below 0.5% distortion)

PRESAGE 15V

- 8" woofer
- 2" tweeter
- Frequency response 35-20,000 Hz

Technics SL-20

- belt drive synchronous motor
- damped cue
- anti skate

audio-technica AT-12XE

- magnetic elliptical cartridge

SYSTEM 731

Sherwood S-7210A

- 30 watts RMS per channel (measured at 8 ohms, 20-20,000 Hz below 0.5% distortion)

BIO 940

- belt drive synchronous motor
- damped cue
- wood base

STANTON 680EE

- magnetic elliptical cartridge

SYSTEM 1005

ONKYO TX-560

- 43 watts RMS per channel (measured at 8 ohms, 20-20,000 Hz below 0.2% distortion)

Carwin-Vega 24

- 12" woofer
- dhorm tweeter
- Frequency Response 33-22,000 Hz

Carwin M91ED

- magnetic elliptical cartridge

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9433 surface mount 12.00 pr

(6) 2635 portable cassette 28.00

(20) 2636 portable cassette 33.00

CLARION

(11) PS-702 AM/FM pushbutton 8 track 99.00

COMM

(7) 6-9 3002 car speakers 5.00 ea.

EVADIN

(27) ASEC 602 underdash cassette auto reverse 59.00

GREINER

(5) CR525 5" car speakers 5.00 pr

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(21) Hitachi CS-200 IC under dash cassette auto reverse 49.00

(22) Hitachi CS-214 in dash cassette only 38.00

(38) Hitachi KMS 995 FM stereo radio 39.00

JFD

(9) 10RT cb antennas 18.00

JENSEN

CP740 6-9 2002 coax 35.00 pr

CP853 5-1002 coax 29.00 pr

CP927 5-2002 coax surface mount 45.00 pr

CR945 6-9 2002 coaxial kit 59.00 pr

JLL

(11) 517 under dash FM/8 track 59.00

(11) 600 under dash cassette w/8 track 59.00

(11) 604 AM/FM in dash cassette 79.00

(11) 606 AM/FM cassette w/8 track 119.00

(11) 607 under dash cassette 33.00

(2) 701 MPX AM/FM stereo car radio 59.00

(11) 704 MPX AM/FM stereo car radio 59.00

(1) 822 8-track w/8 track 49.00

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(8) 852 CB AM/FM 8 track w/8 track 179.95

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KP-212 cassette deck 55.00

KP-220 cassette deck 69.00

KP-400 AM/FM cassette deck 119.00

QX-250 AM/FM stereo radio 69.00

AD-304 power booster 69.00

P-10L speakers 39.00 pr

P-10L speakers 12.00 pr

TS-100 speakers 14.00 pr

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TS-105 speakers 39.00 pr

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KD-12 portable cassette recorder 49.00

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(8) CSB36 cb radio 23 channel 49.00

SANYO

(4) FT-433M FM cassette under dash radio 99.00

(1) FT-434 8 track under dash radio 99.00

(1) FT-435M 8 track under dash radio 99.00

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(20) GBS 1500 23 channel cb 49.00

GBS 2000 23 channel cb 59.00

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C 90 CHROME 2 pack cassette 4.00

(200) C 60 CHROME old pack cassette 3.50

Studio C 90 2 pack cassette 4.25

Performance C 90 2 pack cassette 3.50

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UHS - Studio C 120 2 pack cassette 1.75

UHS C 120 cassette 1.75

SKLH C 90 + Performance cassette 1.50

SKLH C 45 + Performance cassette 1.75

Studio 8 track 90 min 2 pack Performance 8 track 90 min 2 pack 2.75

(7) LH + Studio 8 track 64 min 2 pack 3.00

(120) LH + studio 8 track 64 min 1.50

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(20) LH + studio 8 track 45 min 1.25

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1000 Professional Series 7 + 1800 open reel 5.00

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(400) Standard play 5 + 600 Standard play 7 + 1200 1.50

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(115) UDLX C 60 cassette 2.19

UDC 90 cassette 2.89

(52) UDLX C90 cassette 2.99

UDC 90 cassette 4.00 plus

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(11) Maxell BT400 8 track 2.00

Section

(49) 176-1200 open reel 7" 3.49

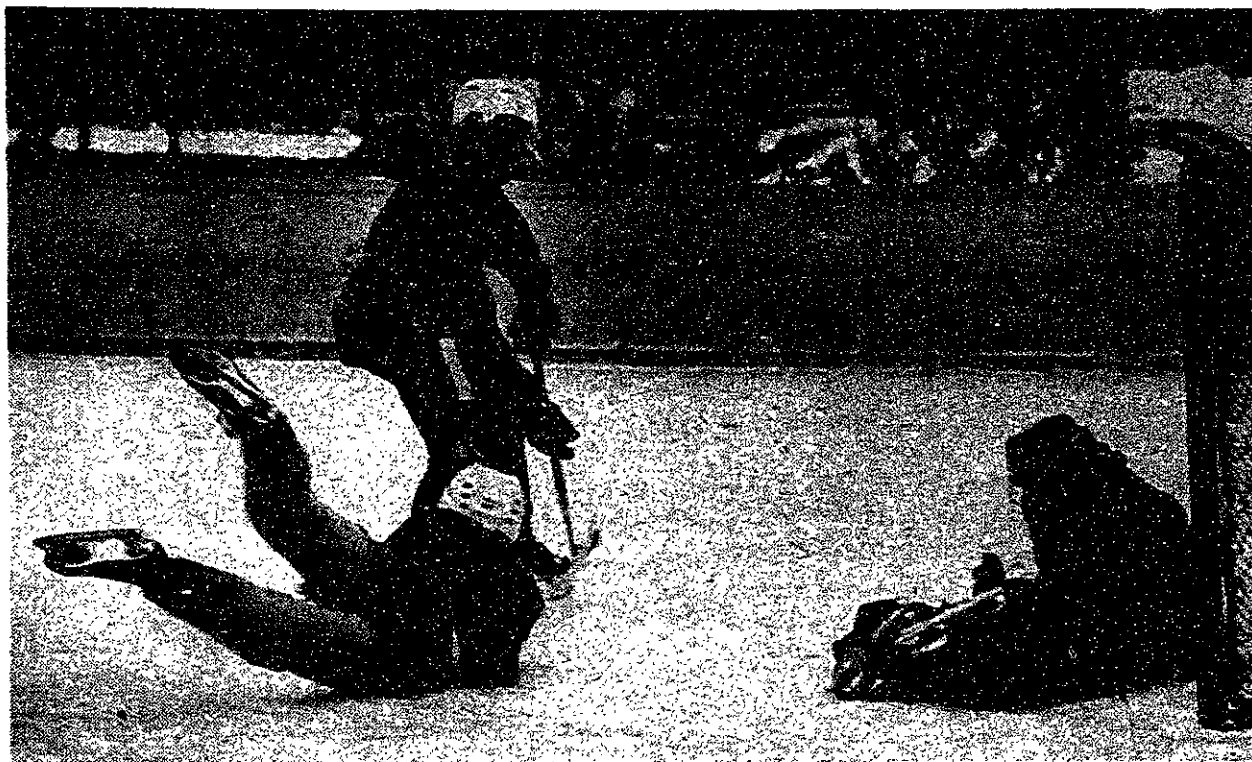
(13) 177-1800 open reel 7" 4.49

(72) 207-1800 open reel 7" 4.49

(83) 211-1800 open reel 5" 2.29

(78) 212-1800 open reel 5" 2

Winter is a time for...



This winter has been the worst to hit Boston in over a decade. The Charles froze hard and more than two feet of snow blanketed the ground for weeks. The sidewalks and streets were little different. Most of the city's walkways were covered with several inches of ice for most of January and traffic moved at a crawl.

IM Hockey has the largest participation ever. Though games were sometimes played in blizzards, or in 5 degree temperatures, the 'B' and 'C' League teams finished their seasons early this month and playoffs are presently being held for both. Despite fact that 'C' League has not had playoffs for several years, all is going smoothly. IM Basketball also flourished.

On the intercollegiate level, MIT teams fared well as a whole. Hockey has already clinched its first winning season since the early sixties led by sophomores Dave Tohir and Kevin Dopart and senior Ken Mortensen on offense, senior Dan Silverstein and freshman Al Strong on defense and graduate goalies Dan Costa and Paul Estey.

Indoor Track has finished their season at 8-1. With a season like that it is obvious that the team

has enormous depth and talent although seniors Frank Richardson and Rich Okine, junior Reid von Borstel, and freshman Jim Turlo deserve special note.

Men's Basketball has also had a strong season so far despite their sub .500 (7-10) record. The team has excellent depth this year as evidenced by the fact that all five starters scored in double figures in a recent win against Clark.

Of course everyone didn't participate in formal sports. With the prolonged sub-freezing temperatures, people could often be seen skating and playing hockey on the Charles. Skiing was also popular this winter. Unlike the West, which has experienced a snow drought of catastrophic proportions, the Massachusetts and Vermont slopes have had countless tons of light, crystalline powder drift onto their slopes. It has been a good year both for them and the skiers.

Finally, there were those who just enjoyed the snow, like the kid on the following page examining the cold sparkling ice crystals gleaming in the bright sun.

(Photo essay by Gordon Haff)



Loneliness . . . the fear of love

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who is affected by loneliness;
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Still Room on the Ground Floor for Computer Engineers & Programmers

Computer professionals are aware that today's most advanced large-system technology was developed by a company that, not too long ago, was virtually unknown. It was during late 1975—when Amdahl delivered its first multi-million-dollar 470V/6 system following a 5-year, \$50,000,000 effort—that the company first attracted widespread industry attention. Now, Amdahl is the most talked about company in the industry: a compact group of high-talent high technologists producing the world's highest performing general purpose computers. By the end of 1976, we installed 33 systems valued at \$140,000,000 worldwide.

The original design team is still virtually intact and working on future systems. Although we are growing at an extremely rapid pace, we are

committed to retaining the same creative environment that yielded the 470V/6. We are still small by computer industry comparisons: we ended 1976 with fewer than 800 people. We are still friendly. We still enjoy attacking tasks because we think it's fun. And we still reward personal efforts with personal recognition.

We think Amdahl is a great place to work. There's still room on the ground floor for you if you are about to receive a BS or advanced degree in electrical engineering or computer sciences, and consider yourself a cut above your classmates in competence, enthusiasm and potential.

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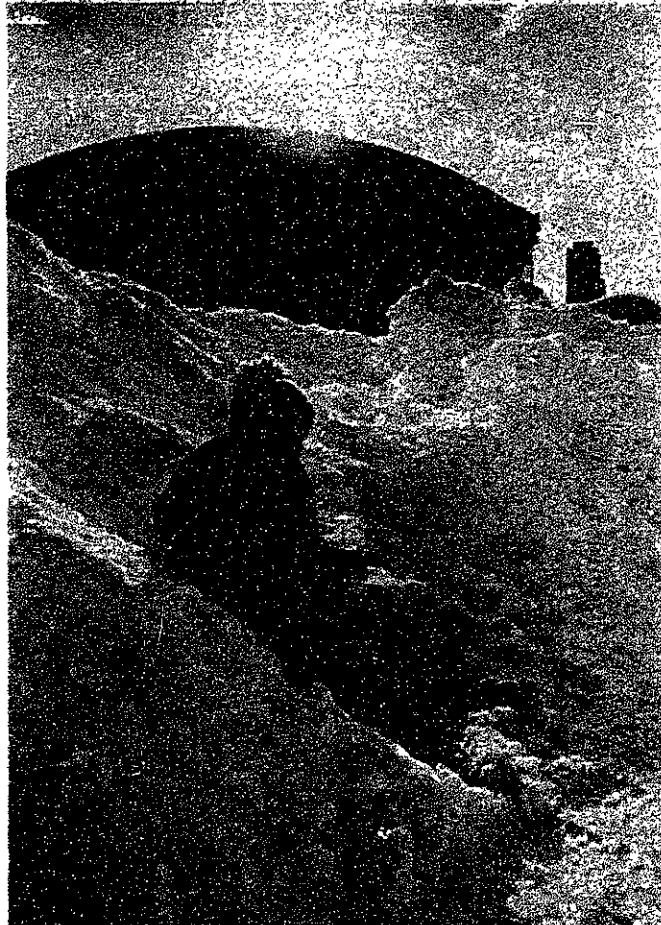
We are coming to campus to fill positions in hardware and hardware-related software. We are specifically interviewing for hardware logic design-

ers and hardware-related, software diagnostic engineers, design automation programmers, and control programmers for our mini-based console.

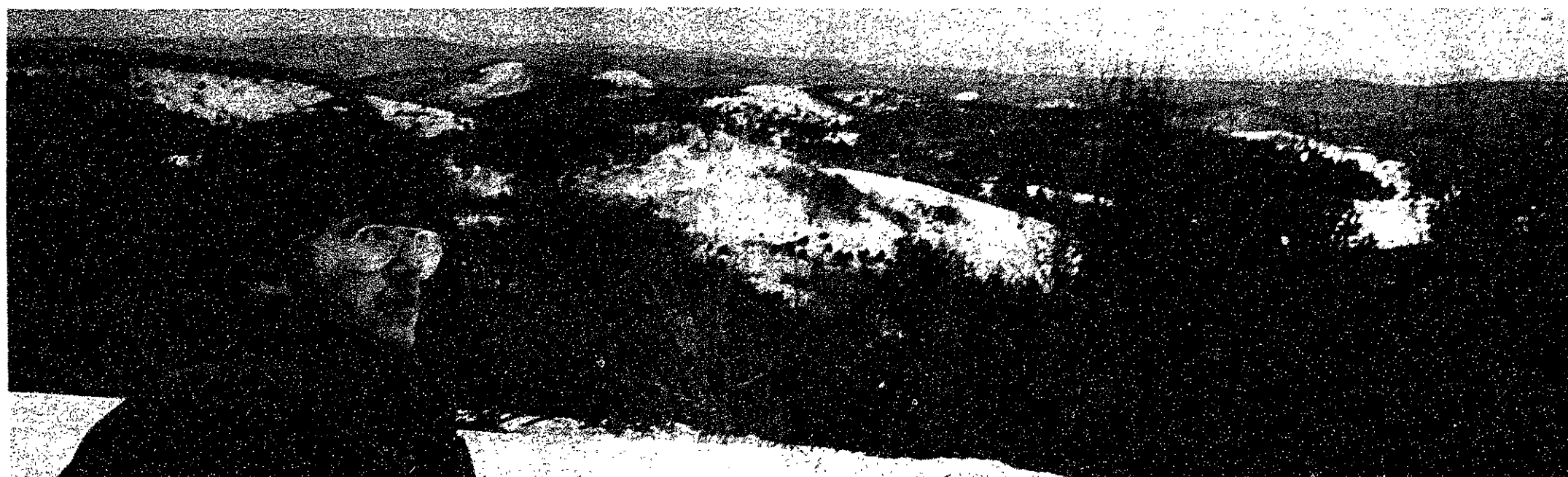
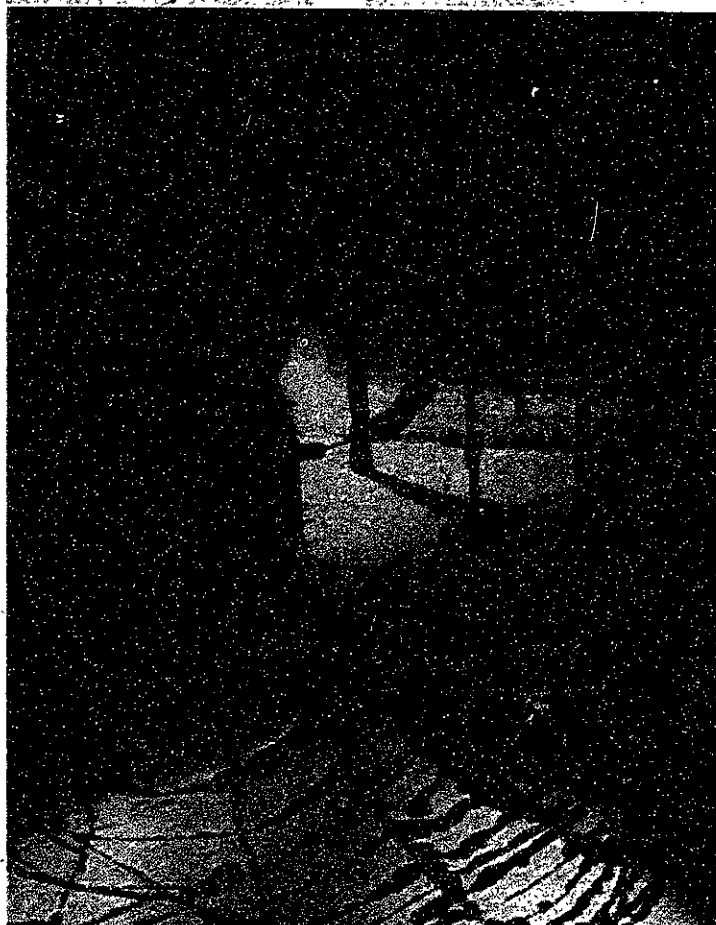
ON-CAMPUS INTERVIEWS:

Tuesday, March 1

amdahl



Mark James



Washington's Birthday SALE BOSTON STEREO

marantz. System



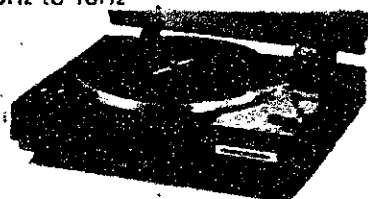
HD-44 SPEAKERS

3-Way System incorporating an 8-inch Woofer, 3-inch Midrange and 3-inch Tweeter. Power handling Capacity: 60Watts integrated program material. Frequency response: 45Hz to 18Hz

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2220B AM/FM STEREO RECEIVER
20 Watts per Channel, Minimum RMS at 8 Ohms, from 20Hz to 20kHz, with no more than 5% Total Harmonic Distortion. Phase Locked Loop FM Multiplex Demodulator. Direct Coupled Full Complementary Output.



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AR 11's WITH WARRANTY!!!!!!..... 529.00 pr.

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PIONEER SPEC 1 PRE-AMP.....	329.00
PIONEER SPEC 2 PRE-AMP.....	539.00
4- KLH 105 SPEAKERS.....	200.00 ea.
DYNA PAS 2 PREAMP with STEREO 70.....	89.00
MARANTZ 5220 Cassette Deck (DEMO).....	260.00
DYNACO SCA 80Q AMPLIFIER (mint condition).....	149.00
PIONEER PREAMP.....	89.00
HARMON-KARDON 630 RECEIVER.....	160.00
AR RECEIVER 60 WATTS X2 Like New.....	249.00
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SCOTT CLASSIC TUNER.....	90.00
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sports

Cagers stun Suffolk, 70-69

By Glenn Brownstein

Sophomore John Wozniak hit two high-pressure free throws with 26 seconds left to give the MIT men's basketball team a 70-69 upset win over New England Division III power Suffolk University Wednesday night at Rockwell Cage.

It was "Alumni Winter Sports Night" at MIT, and a crowd of 600, largest of the season, witnessed a see-saw battle not decided until Suffolk's Bob Mello missed a 15-footer at the buzzer that would have given the visitors the win.

Rick Van Etten '78 led the Beavers with 18 points, but MIT's star was senior guard Peter Maimonis, who scored 14 points, added ten assists, and topped the Beavers with nine rebounds. Ironically, it was a missed free throw by Maimonis, the team's leading free throw shooter, that gave Suffolk one last opportunity to win the game at the end.

Suffolk captain Chris Tsiotos paced the Rams with 19 points. Pat Ryan tallied 17, and center Donovan Little poured in 16. Little's 14 rebounds were high in the game, but the 6'5" sophomore was not as effective as he had been last year in a 26-point, 20-rebound performance.

How did an unheralded 7-10 team from MIT knock off the 13-5, third-ranked Rams? There's a

one-word answer: defense. Beaver Coach Fran O'Brien has keyed the team's potential success on defense, on keeping the other team from doing what it wants to do. And Suffolk, a 50 per cent field goal shooting team, was able to hit just 39 per cent of its shots Wednesday night.

Defense. It kept MIT in the game through two supercharged halves, and forced the game's turnaround in the final five minutes.

With 5:41 remaining in the game, Suffolk's Steve Forlizzi hit a short jumper to give the Rams a 65-60 lead. That was to be Suffolk's last field goal of the game.

The teams traded baskets, Maimonis hitting a 15-foot jumper and Suffolk's Chris Tsiotos swishing two free throws to make it 67-62 with 4:45 left.

Following a couple of turnovers, John Cavolowsky '77 was fouled by Little and sank both free throw attempts. After a press forced a Suffolk turnover, Little hit Van Etten in the backcourt and he converted two more foul shots. One turnover and one bad shot later, MIT had the ball again and it was Cavolowsky on a hand off from Maimonis for a lay-up and a 68-67 lead with 1:51 showing on the clock.

Defense: on its next two possessions, Suffolk had no less than four shots at the basket to retake

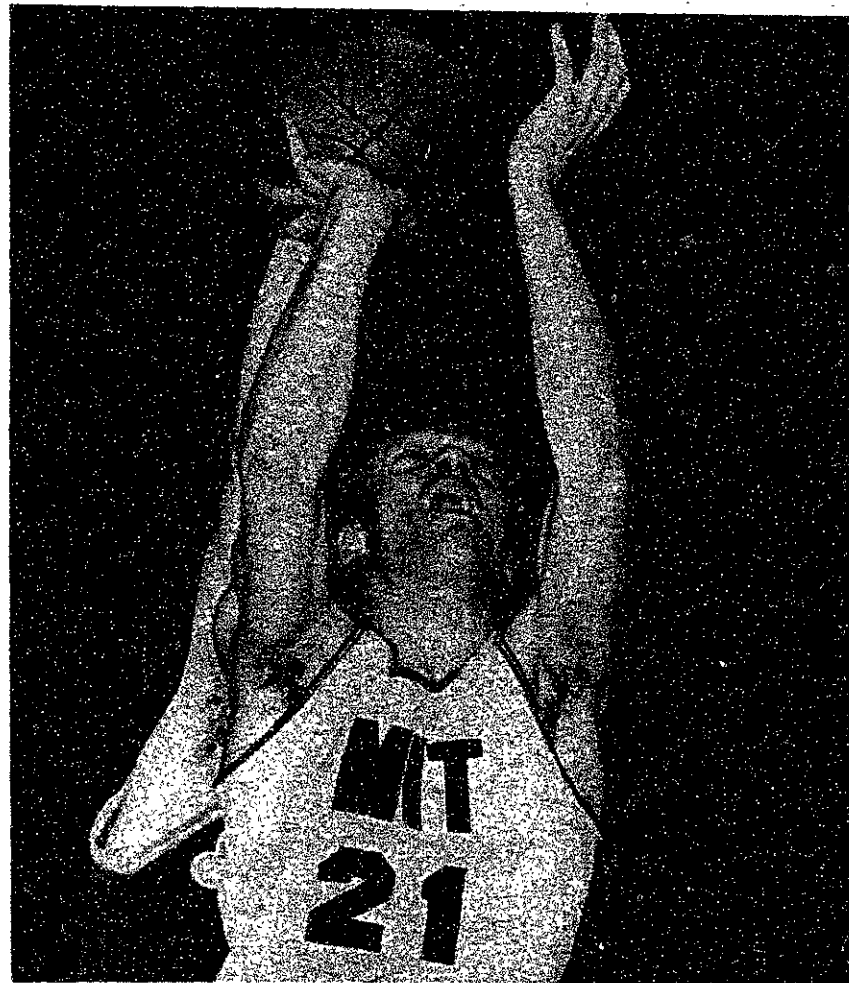
the lead. None of them went in, and when Ryan's 20-footer bounced off the rim, Cavolowsky leaped high for the rebound and passed it to Wozniak, who was fouled immediately by Ryan.

Suffolk called a timeout before each of Wozniak's free throw attempts to try and rattle his concentration, but Woz was equal to the task and swished them both.

Bob Mello, fouled by Maimonis with 14 seconds left, hit both foul shots to pull the Rams within one, and Maimonis, fouled in desperation, missed a charity toss with 11 seconds remaining to give Suffolk one last chance.

Guard Steve Relihan, brought in to inbound the ball, passed it to Mello, who fed it to Little in the corner. Little's 25-foot pump was off, but Mello grabbed the rebound and forced up a 15-foot heave at the buzzer that was wide, preserving the upset.

The Beavers, still clinging to hopes of a winning season, battle a talented Bates team in the final home game of the season tomorrow night. Tip-off time is 8:15.



John Cavolowsky '77 goes up for a shot in the varsity basketball team's upset victory over Suffolk Wednesday. The Beavers edged the Rams 70-69.

Gordon Hall

Gymnasts tumble rivals

By Tom Curtis

Winning all six events, the men's gymnastics team tallied its first victory of the season Saturday with a 152.25-118.25 victory over the University of Vermont.

Top performances for MIT were senior David Lu's 8.9 in the vault, junior Larry Yablong's 8.05 on the rings, and junior John Troiani's 7.6 in floor exercise.

Tomorrow, the gymnasts take on Central Connecticut at 2:00pm in the last home meet of the season.

In a tri-meet Saturday, the women's gymnastics team scored its second victory of the season, topping Mount Holyoke 90.0-85.3. Northeastern was first in the meet with 94.35 points.

The team's best events were the vault and the beam in which Helen Miyasaki '78, Joan Hughson '77, and Elaine Sears '79 all turned in excellent performances.

The day's finest exercise, however, was Sears' 8.3 on the uneven parallel bars. This score brings her one step closer to an invitation to the Eastern Championships. A score of at least 8.0 in either of the team's remaining

meets will guarantee Sears a berth in the tournament.

The next meet is tomorrow against the University of Maine (Orono) at Salem. The season ends Wednesday with a meet at the University of New Hampshire.

Wednesday, the rifle team zapped Harvard 1056-936 in duPont. Seniors Dave Muller, Glenn Graham, and Jesse Villagran led the team with scores of 266, 265, and 263 respectively. The marksmen have a perfect 4-0 record in the Greater Boston League.

The men's varsity fencing team slashed WPI 21-6 in a home meet Wednesday night. The foil, epee, and sabre squads all posted wins with six, seven, and eight victories respectively.

Tomorrow, the fencers host Stevens Tech at 3:00pm.

The varsity squash team succumbed to Harvard 9-0 Tuesday night. The Beavers were clearly overmatched against the Crimson who are rated as the best team in the country. Tomorrow the team hosts Wesleyan at 2:00pm.

The varsity wrestling team was overwhelmed by Springfield College 38-4 Wednesday night. The

lone victory for MIT was senior co-captain Werner Haag's decision in the 142-pound division.

Last Saturday, the team's fortunes were better as they stopped Boston State 25-11. Haag also won a decision in that meet.

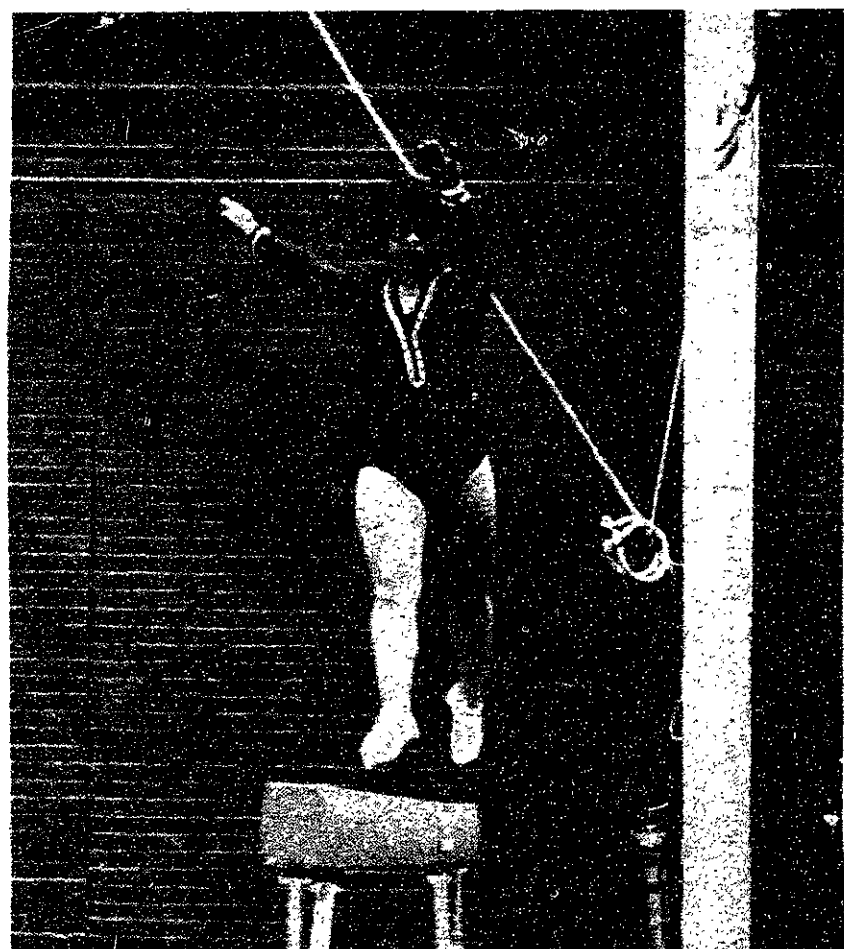
The team ends its regular season with a 5-12 record.

After winning its first four meets of the season, the pistol team was stopped by Army. The team was handicapped by the absence of two regular shooters.

The team's next meet is Saturday at Navy. The squad will return home Saturday, Feb. 26, for meets against Air Force and Villanova.

The women's basketball team topped Wellesley 33-26 Tuesday night for its third victory of the season. The team's next outing is tomorrow night at 6:00pm in Rockwell Cage against Bates.

The hockey club fell to Nichols 6-1 Wednesday night at Briggs Arena. Dave Damery '80 assisted by Lou Odette G and Rick Bryant '79, scored the Beavers' only goal. Goalie Paul Estey G had 27 saves for MIT. The team's record is now 10-5-1.



Captain Helen Miyasaki '78, here on the balance beam, is one reason why the Engineers have won two of their last three meets.

Rob Mitchell

Women's swimming whirls by Wellesley

By Wendy Irving

Last Wednesday the women's swim team defeated Wellesley College by the score of 84-37, bringing its season record to 4-3. MIT won eleven of the 15 events, never giving Wellesley much of a chance to score.

The 200-yard medley relay team of Beth Marcus '79, Sheila Konecke '80, Karen Fabricius '80 and Carol Brown '78 led off an opening five-event winning streak with a time of 2:17.7. Then Fabricius won the 200-yard freestyle (2:17.7); Konecke won the 100-yard individual medley (1:11.8); Marcus won the 50-yard backstroke (0:37.7); and Konecke finished first in the 50-yard breast-stroke (0:36.6).

Other first place swimmers for MIT were Fabricius in the 50-

yard butterfly (0:30.04), Joan Hooper '78 in the one- and three-meter diving, Wendy Irving '77 in the 500-yard freestyle (6:36.18), Konecke in the 100-yard breast-stroke (1:19.6), and the 200-yard freestyle relay team of Marcus, Irving, Kangas and Belt (2:11.4).

Competing in the MWIAC meet Saturday, the women placed fifth in a field of seven teams. BC and BU were the top contenders as usual. The surprise of the day came when MIT's Sheila Konecke captured first place in the 100-yard breast-stroke event, in clearly the most exciting race of the day. The lead see-sawed back and forth between Konecke and a BC swimmer until Konecke pulled the race out in the last 15 yards.



Wally Corwin '78 plays defense in the Beaver's 6-1 loss to Nichols Wednesday before an alumni night crowd of 268.

Gordon Hall